

# Notice of Allowability

Application No.

09/936,528

Examiner

Sean Reilly

Applicant(s)

ZEE ET AL.

Art Unit

2153

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's response filed 9/8/2005.
2. ☒ The allowed claim(s) is/are 20 and 22.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

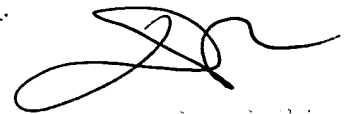
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 12/8/2005.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_



### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for the following claim amendments in this examiner's amendment was given in a telephone interview with James Larson on 12/8/2005.

The application has been amended as follows:

#### IN THE CLAIMS:

1. With regard to claim 20, replace claim 20 with the following:

An Internet broadcasting method comprising:

providing an Internet broadcasting server configured to broadcast unicast data and multicast data;

providing a terminal having broadcasting receiving means to directly receive multicast data, and data treatment and display means connected to the broadcasting receiving means for receiving, processing, and displaying the multicast data from the broadcasting receiving means, and broadcasting repeating means to directly receive unicast data, transform the unicast data to multicast data and transmit the transformed multicast data to other terminals;

receiving by the broadcasting receiving means multicast data broadcast by the Internet broadcasting server for a first time period;

receiving, processing, and displaying, the multicast data from the broadcasting receiving means by the data treatment and display means;

failing to receive multicast data by the broadcasting receiving means for a predetermined second time period after the first time period and then directly connecting the broadcasting repeating means of the terminal to the Internet broadcasting server and receiving unicast data

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from the Internet broadcasting server, transforming the received unicast data into multicast data, and transmitting the transformed multicast data to other terminals connected to the terminal.

2. Claims 23-26 and 30-32 are **cancelled**.

***Allowable Subject Matter***

Claims 20 and 22 are **allowed**.

The following is an Examiner's statement of reasons for allowance:

With regard to claim 20, the prior art of record does not disclose a method as claimed, and as interpreted in light of the supporting sections of the specification including at least page 12 line 14 – page 13 line 14, wherein when a terminal fails to receive data from a server via a multicast transmission, then the terminal directly connects to the same server to receive the data via a unicast transmission and rebroadcasts the received unicast transmission data from the server to other terminals connected to the terminal via a multicast transmission, in combination with all remaining limitations set forth in the independent claim.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sean Reilly whose telephone number is 571-272-4228. The examiner can normally be reached on M-F 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glen Burgess can be reached on 571-272-3949. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

12/8/05

